

## EAST Search History

| Ref # | Hits  | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-----------------|------------------|---------|------------------|
| L1    | 10989 | (silane or silanation) same (ure or oven-cure or dried or drying)   | US-PGPUB; USPAT | OR               | ON      | 2008/03/24 21:26 |
| L2    | 80    | ((functionalizing or functionalization) with substrate) with (solution or liquid)   | US-PGPUB; USPAT | OR               | ON      | 2008/03/24 21:27 |
| L3    | 27    | I2 not @ay>"2001"   | US-PGPUB; USPAT | OR               | ON      | 2008/03/24 21:27 |
| L4    | 217   | ((functionalizing or functionalization) with substrate) same (solution or liquid)   | US-PGPUB; USPAT | OR               | ON      | 2008/03/24 21:47 |
| L5    | 190   | I4 not I3   | US-PGPUB; USPAT | OR               | ON      | 2008/03/24 21:47 |
| L6    | 43    | I5 not @ay>"2001"   | US-PGPUB; USPAT | OR               | ON      | 2008/03/24 21:47 |
| L7    | 1     | "20020076832"   | US-PGPUB; USPAT | OR               | ON      | 2008/03/24 21:55 |
| L8    | 1     | ("5474796").PN.   | USPAT; USOCR    | OR               | OFF     | 2008/03/24 22:01 |
| L9    | 1     | ("4308799").PN.   | USPAT; USOCR    | OR               | OFF     | 2008/03/24 22:11 |
| L10   | 1     | ("5688867").PN.   | USPAT; USOCR    | OR               | OFF     | 2008/03/24 22:15 |
| L11   | 52    | I4 not I6   | USPAT           | OR               | OFF     | 2008/03/24 22:41 |
| L12   | 2304  | ((427/212) or (427/214) or (427/220)).OCLS.   | USPAT; USOCR    | OR               | OFF     | 2008/03/24 23:27 |
| L13   | 0     | ("I12not@ay>2001").PN.  | USPAT; USOCR    | OR               | OFF     | 2008/03/24 23:27 |
| L14   | 1757  | I12 not @ay>"2001"  | USPAT           | OR               | OFF     | 2008/03/24 23:28 |
| L15   | 72    | I14 and (array or microarray or biochip)  | USPAT           | OR               | OFF     | 2008/03/24 23:28 |
| L16   | 77    | I14 and (array or microarray or biochip)  | USPAT           | OR               | ON      | 2008/03/24 23:28 |
| S1    | 355   | (silane or silanation) same (anchor or anchoring or immobilizing or immobilize or immobilizing) same (molecule or dna or nucleic or antibody) | US-PGPUB; USPAT | OR               | ON      | 2008/03/23 23:25 |

|     |       |  |                    |    |    |                     |
|-----|-------|--|--------------------|----|----|---------------------|
| S2  | 129   | S1 not @ay> "2001"   | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:26 |
| S3  | 3535  | (silane or silanation) with<br>(cure or cured)   | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:26 |
| S4  | 8     | S2 and S3  | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:26 |
| S5  | 16391 | (silane or silanation) with<br>(solution or liquid)                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:30 |
| S6  | 9523  | S5 not @ay> "2001"   | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:30 |
| S7  | 156   | (silane or silanation) with<br>droplet   | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:30 |
| S8  | 4     | (silane or silanation) with<br>droplet with (array or<br>microarray)                     | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:31 |
| S9  | 154   | silane with (surface adj<br>tension)   | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:34 |
| S10 | 10    | S9 and (array or microarray)   | US-PGPUB;<br>USPAT | OR | ON | 2008/03/23<br>23:35 |
| S11 | 446   | cured with (surface adj<br>tension)  | US-PGPUB;<br>USPAT | OR | ON | 2008/03/24<br>00:28 |
| S12 | 154   | (silane with (surface adj<br>tension)) same silane                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/03/24<br>00:29 |
| S13 | 19    | ((cure or cured or dried or<br>drying or dry) with (surface<br>adj tension)) same silane | US-PGPUB;<br>USPAT | OR | ON | 2008/03/24<br>00:29 |
| S14 | 19    | S13 not S10  | US-PGPUB;<br>USPAT | OR | ON | 2008/03/24<br>00:29 |
| S15 | 27    | bandage same ((affinity with<br>column) or chromatography)                               | US-PGPUB;<br>USPAT | OR | ON | 2008/03/24<br>16:28 |

3/24/2008 11:55:54 PM

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